



# YOKOHAMA

**YOKOHAMA**

#### Head Office

**Industrial Products Sales Department**  
**Industrial Products Division**

36-11, Shimbashi 5-Chome, Minato-ku Tokyo 105-8685 JAPAN

Phone: +81-3-5400-4816 Fax: +81-3-5400-4830

e-mail: [info-belts@mta.yrc.co.jp](mailto:info-belts@mta.yrc.co.jp)

<http://www.y-yokohama.com/english/mb/>

#### Manufacturing Plants and Engineering Department

**Hiratsuka Factory / Industrial Products Engineering Department**

2-1 Oiwake, Hiratsuka, Kanagawa 254-8601 JAPAN

Shandong Yokohama Rubber Industrial Products Co., Ltd.

Xinzhai Local Town, Linqu County, Weifang City, Shandong Province, CHINA 262610

#### Sales Subsidiaries

**Yokohama Industrial Products Asia-Pacific Pte. Ltd.**

1 Tampines Central 5, CPF Tampines Building #07-10, SINGAPORE 529508

Phone: +65-6587-7190 Fax: +65-6260-4394

email: [info-belts@mta.yrc.co.jp](mailto:info-belts@mta.yrc.co.jp)

**Yokohama Industries Americas Inc.**

105 Industry Drive, Versailles, KY 40383 USA

Phone: +1-859-879-2858 Fax: +1-859-873-8943

email: [info-belts@mta.yrc.co.jp](mailto:info-belts@mta.yrc.co.jp)

**Yokohama Industrial Products Sales Shanghai, Co., Ltd.**

3209-10, 32F, New Town Center NO.83 Loushanguan Rd,

Changning district, Shanghai, 200336 China

Phone: +86-21-6236-8811 Fax: +86-21-5206-7165

email: [info-belts@mta.yrc.co.jp](mailto:info-belts@mta.yrc.co.jp)

**Yokohama Industrial Products Europe GmbH**

Monscauer Str. 12 40549Dusseldorf, GERMANY

Phone: +49-211-5374-0570 Fax: +49-211-5374-0579

email: [info-belts@mta.yrc.co.jp](mailto:info-belts@mta.yrc.co.jp)



# Tuflex

## *DESIGNED SMART, ENGINEERED STRONG*

Yokohama Tuflex series' newest high abrasion resistant conveyor belt engineered for handling fine materials at high speed conveyors.



**Engineered  
Tough!**

# *Tuflex*



## Tuflex α is Yokohama's solution for highly abrasive fine materials on high capacity conveyors.

To maximize the service life of your belt, choosing the right product for your application is the key. Tuflex α is specially designed for handling fine materials on high speed and short distance conveyors, such as reclaimers. Starting from a proprietary evaluation criteria, simulating highly severe conditions and applying advanced rubber compounding technology that resists the challenge, YOKOHAMA developed a one-of-a-kind cover rubber for unsurpassed performance. Discover the Tuflex α difference today.



## Proprietary evaluation criteria realized unbeatable abrasion resistance

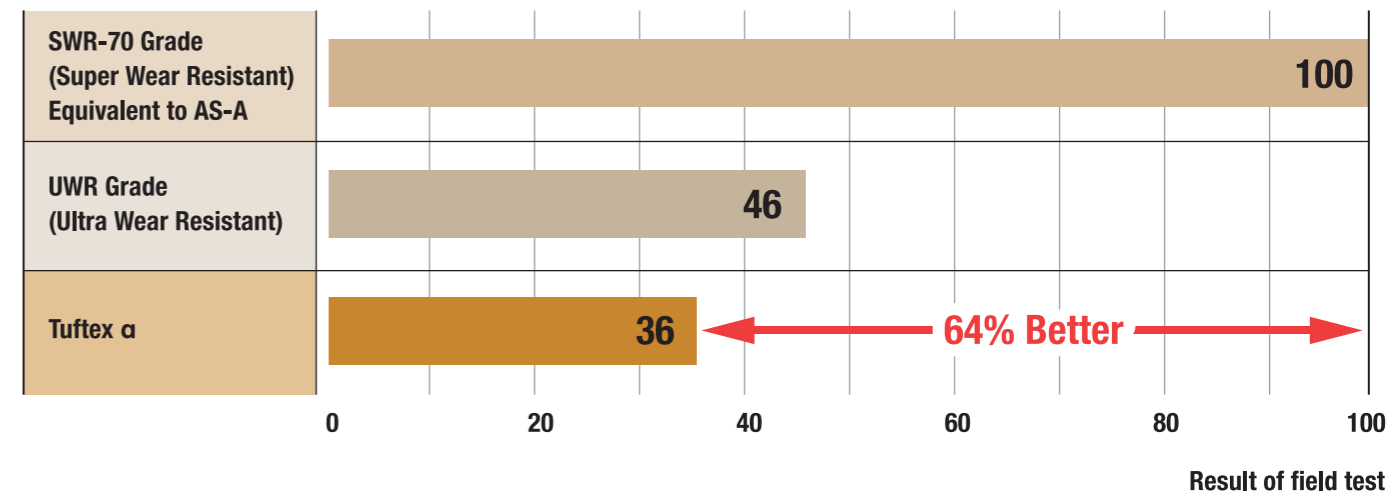
Abrasion tests are performed using the specially designed abrasion tester. With the use of innovative microscopic and three-dimensional analysis, we were able to optimize the cover compound withstanding abrasion from fine materials.

### Abrasion Comparison against Tuflex α

		Tuflex	Industry standard cover compound A	Industry standard cover compound B
Surface Analysis	Abrasion surface			
	Micrograph			
	Three-Dimensional			

Test conditions:  
 Test sample rotation speed: 200m/min  
 Grindstone speed: 100m/min

### Evolution in abrasion resistance is evident



### Belt Selection



Suitable size of transport material (in case of Iron ore)

#### Steel Cord Conveyor Belt

**Belt Strength** : from ST-500 to ST-5400  
**Belt Width** : 800mm-2800mm

#### Fabric Conveyor Belt

**Fabric Type** : Nylon/Nylon(NN)、Polyester/Nylon(EP)  
**Belt Strength** : from 100N/mm to 2500N/mm  
**Belt Width** : 300mm-2400mm

Please consult with your local YOKOHAMA sales representative for more belt strength and size availability.

